

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Joy MM Delaware, Inc.	03/21/2006
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	Harnischfeger Technologies, Inc.
<b>Street Address:</b>	2751 Centerville Road, Suite 342
<b>City:</b>	Wilmington
<b>State/Country:</b>	DELAWARE
<b>Postal Code:</b>	19808
<b>PROPERTY NUMBERS Total: 3</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	11177021
Application Number:	11177461
Application Number:	11177463
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(414)433-5012
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	4144270298
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<b>Correspondent Name:</b>	james Earl Lowe Jr.
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<b>Address Line 4:</b>	New Berlin, WISCONSIN 53151-5156
<b>NAME OF SUBMITTER:</b>	James Earl Lowe Jr.
<b>Total Attachments: 3</b> source=joyMMarnTech#page1.tif source=joyMMarnTech#page2.tif source=joyMMarnTech#page3.tif	

**CH \$120.00 11177021**

## ASSIGNMENT

Dated this 21st day of March 2006.

### Parties:

- (1) The Assignor: **Joy MM Delaware, Inc.**, of 2751 Centerville Road, Suite 342, Wilmington, Delaware 19808, USA.
- (2) The Assignee: **Harnischfeger Technologies, Inc.**, of 2751 Centerville Road, Suite 342, Wilmington, Delaware 19808, USA.

### Recitals:

- (A) The Assignor is the owner of the worldwide rights in various inventions embodied in various USA patent applications, and any continuations, divisions or extensions thereof and any Letters Patents obtained on the patent applications, particulars of which are set out in the Schedule attached hereto ("the Patent Applications").
- (B) The parties have agreed to assign the Patent Applications from the Assignor to the Assignee, for the consideration and under the terms and conditions below.

### Operative provisions:

#### 1. Assignment

- 1.1 In pursuance of said agreement and in consideration of the sum of Five Hundred and 00/100 United States Dollars (USD \$500.00) now paid by the Assignee to the Assignor (the receipt whereof the Assignor hereby acknowledges) the Assignor **HEREBY ASSIGNS** to the Assignee the worldwide rights to the inventions embodied in the Patent Applications, including the entire rights, titles and interests therein, including the right to file counterparts anywhere in the world, and all the rights, privileges and immunities conferred on the owner thereof free from all encumbrances and including the right to sue for damages and other remedies in respect of any infringement that may have occurred prior to the date of this assignment, to hold under the Assignee absolutely.
- 1.2 This Assignment shall be governed by the laws of the State of Delaware, United States of America, and effective as of the above date.

SIGNED by the parties as of the date written above.

Signed for and on behalf of  
**Joy MM Delaware, Inc.**

Joseph A. Garniewski Sr.  
Name: Joseph A. Garniewski Sr.  
Its: Vice President

The above personally appeared before me this 24<sup>th</sup> day of March, 2006, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Melissa Lewis  
Notary Public  
My Commission Expires: 12/7/07

Signed for and on behalf of  
**Harnischfeger Technologies, Inc.**

Joseph A. Garniewski Sr.  
Name: Joseph A. Garniewski Sr.  
Its: Vice President

The above personally appeared before me this \_\_\_ day of \_\_\_\_\_, 2006, to me known to be the person whose name is subscribed to the foregoing instrument, and acknowledged that he signed, sealed and delivered the said instrument as his free and voluntary act and deed for the uses and purposes therein set forth.

Melissa Lewis  
Notary Public  
My Commission Expires: 12/7/07

## Patent Applications

Date Filed	Application Number	Title
7/8/2005	11/177461	A FITTING FOR WIRE ROPE
7/8/2005	11/177463	A FITTING FOR WIRE ROPE
7/8/2005	11/177021	A BOOM SUPPORT STRAND OSCILLATION DAMPENING MECHANISM